



- NOTES:
1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
  2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
  3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
  4. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY
- \* TOLERANCE DETERMINED BY VENDOR FOR E BEAM WELD OR VACUUM BRAZING REQUIREMENT

SYN	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. TOLERANCES DECIMALS ANGLES X .03 (.7620) .25 XX .01 (.025) XXX .005 (.127)		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY		
A13562		B.M. FRONT END 8" I.D. BE WINDOW RIGHT ADAPTER RING		
DESIGNER MUSCIA		DATE 9/27/93	TITLE ADVANCED PHOTON SOURCE	
CHECKED BY		CHEF DESIGN ENGINEER	DATE	
DESIGNER MUSCIA		OP LEADER	PROJECT MOR	
RESPONSIBLE ENGINEER		APPROVED/RELEASED		
MATERIAL SST 304 9" O.D. X .625 WALL		SCALE HALF SHEET 1 of 1	DRAWING NUMBER C P4102020106-210002-00	